

FIG. 1

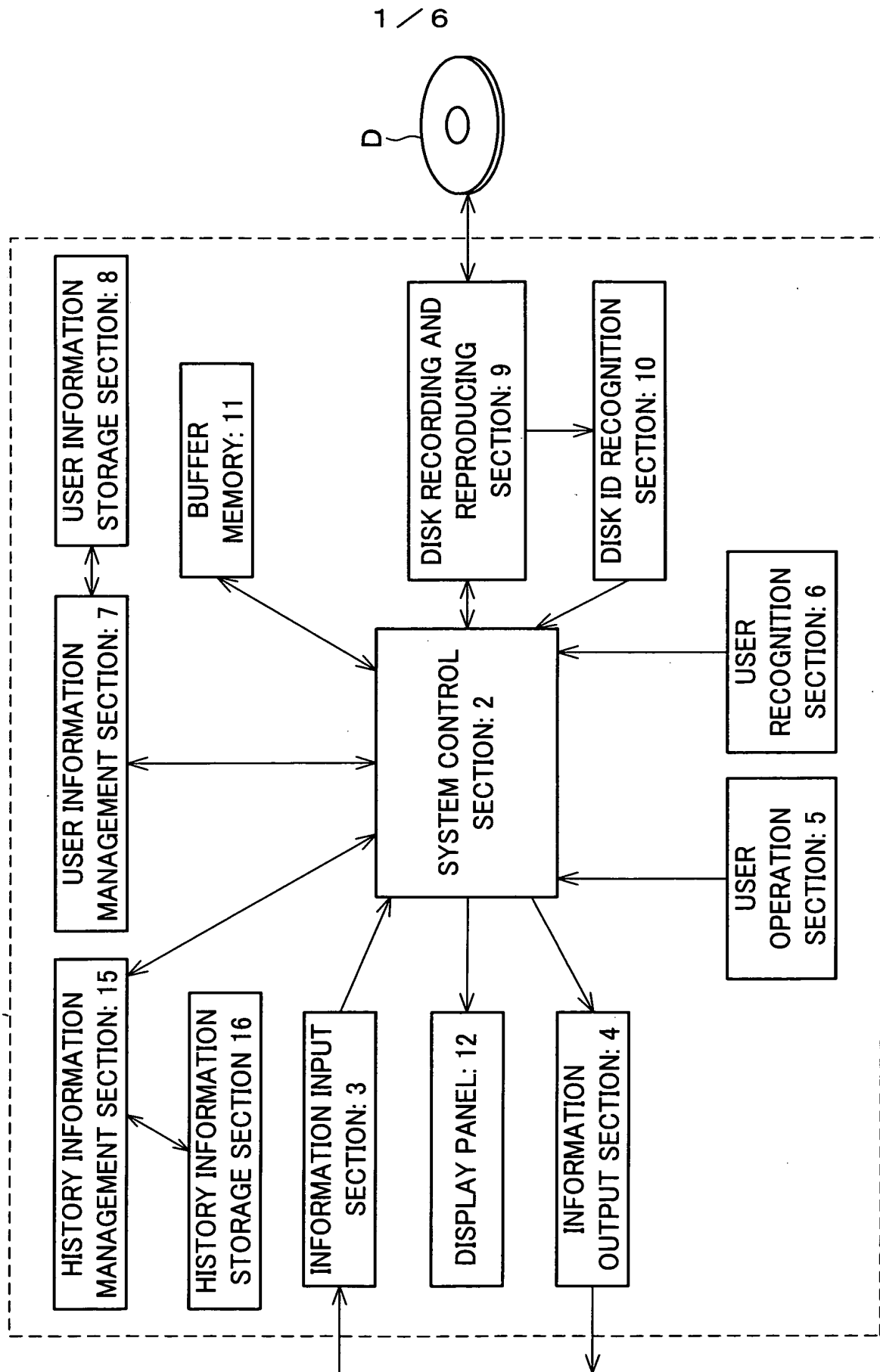


FIG. 2

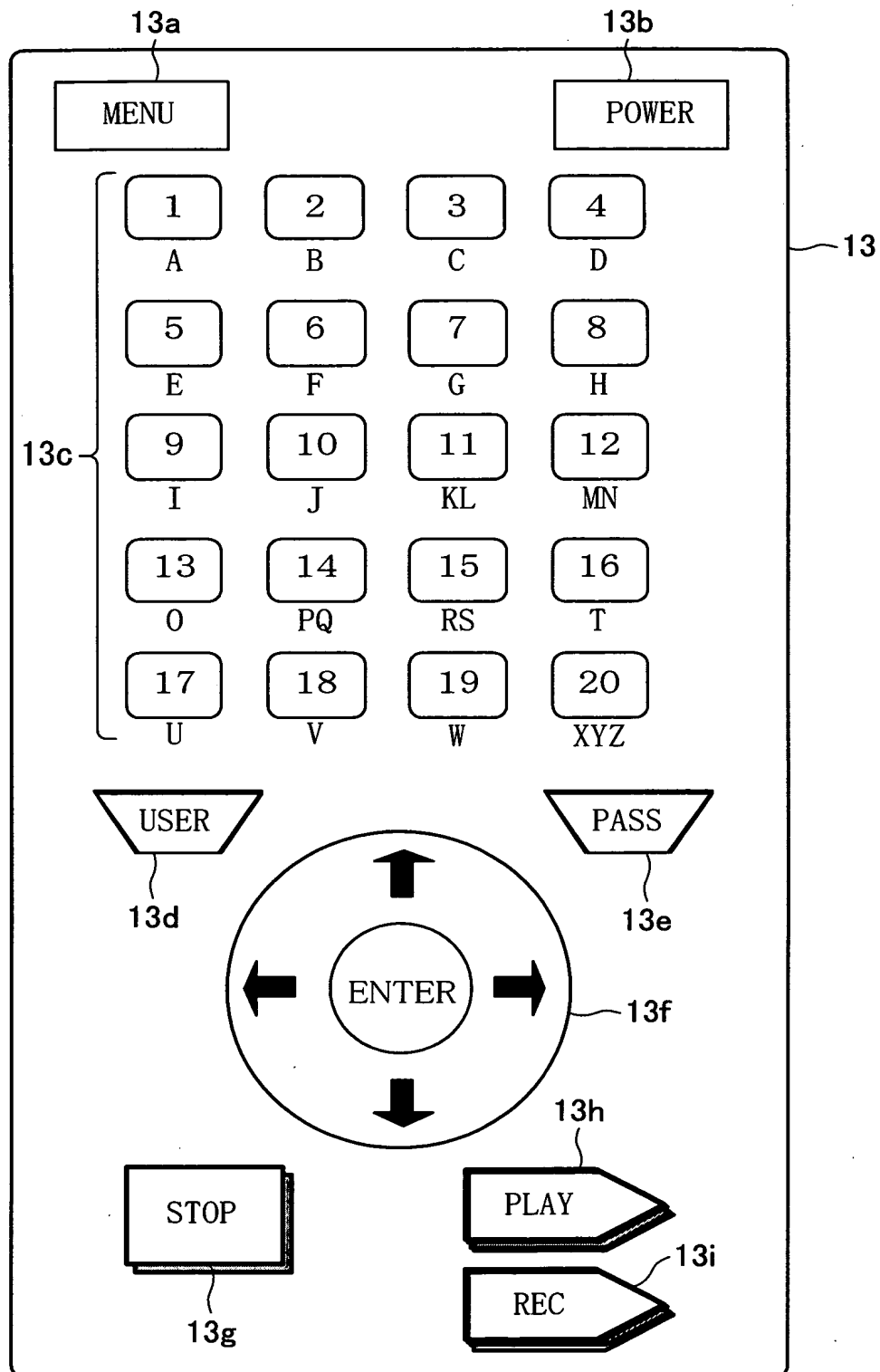


FIG. 3

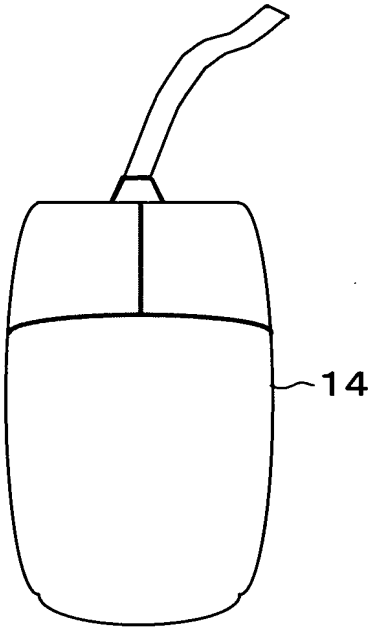


FIG. 4

12

12		
P		
USER NAMES	INFORMATION	SELECTION
A	FATHER	⊙
B	MOTHER	
C	FIRST SON	⊙
D	FIRST DAUGHTER	
E	SECOND DAUGHTER	

FIG. 5

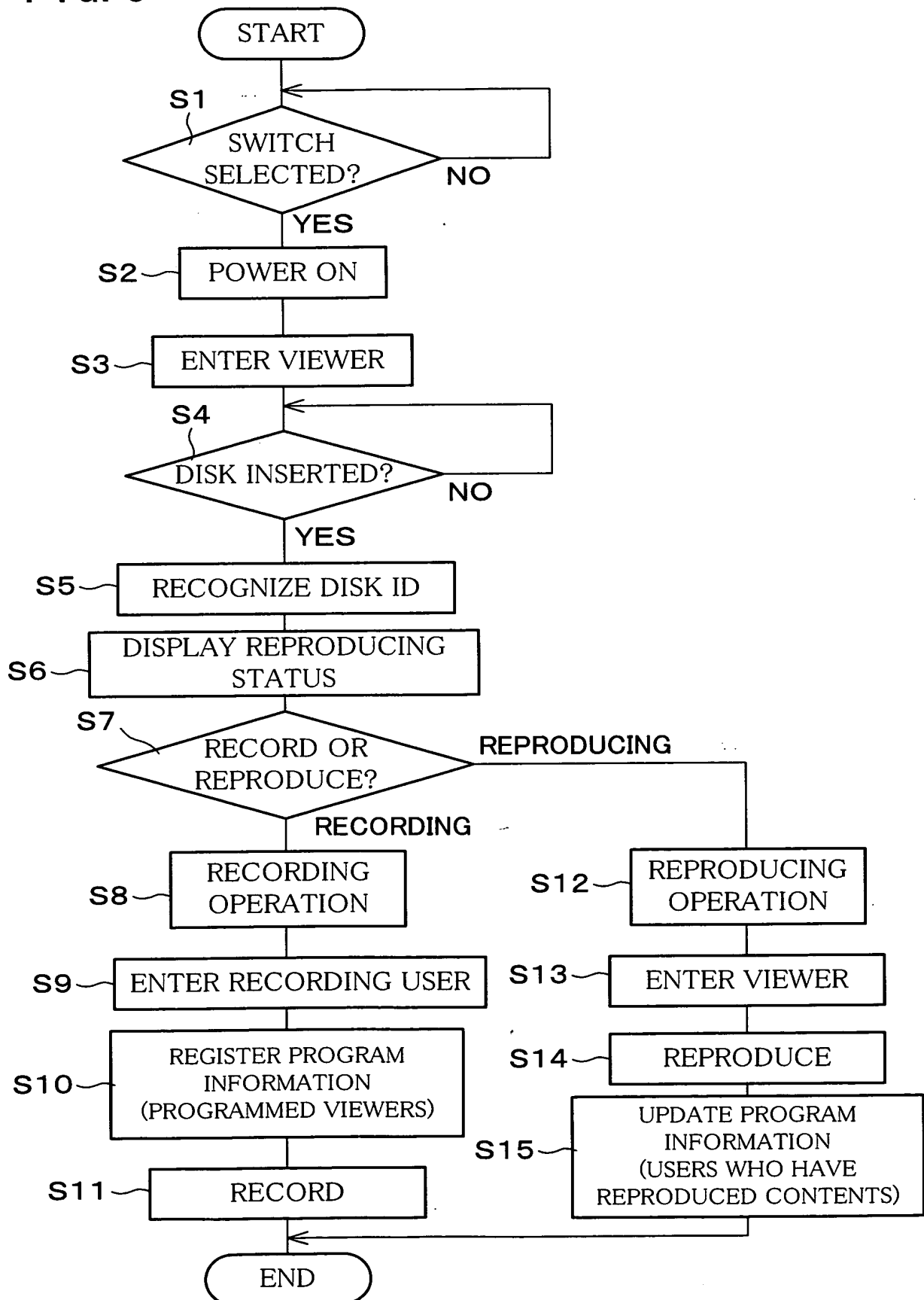


FIG. 6

	TITLES	MOVIE Z	SPORTS W	...
	RECORDED DATE AND TIME	2002/4/29 19:00 TO 21:00	2002/5/13 15:00 TO 16:00	...
	Ch	8 X TV	10 Y TV	...
USERS	VIEWERS			
A	—	●	●	
B		◎	○	
C	—	○	●	
D		●	○	
E		×	◎	

◎:USERS WHO RECORDED CONTENTS

○:USERS WHO HAVE REPRODUCED CONTENTS

●:USERS WHO HAVE NOT REPRODUCED CONTENTS

×:UNAUTHORIZED USERS

FIG. 7

	TITLES	SPORTS W	MOVIE Z	...
	RECORDED DATE AND TIME	2002/5/13 15:00 TO 16:00	2002/4/29 19:00 TO 21:00	...
	Ch	10 Y TV	8 X TV	...
USERS				
A		●	●	
C		●	○	

◎:USERS WHO RECORDED CONTENTS

○:USERS WHO HAVE REPRODUCED CONTENTS

●:USERS WHO HAVE NOT REPRODUCED CONTENTS

×:UNAUTHORIZED USERS

FIG. 8

RECORDED DATE	Ch	TITLES	USERS	REPRODUCING STATUS	REPRODUCED DATE
2002/4/29	8	MOVIE Z	A	NOT REPRODUCED	
RECORDED BY: B			B	REPRODUCED	2002/5/10
			C	REPRODUCED	2002/5/10
			D	NOT REPRODUCED	
			E	UNAUTHORIZED	

FIG. 9

USER: C

ENTERED DATE	Ch	TITLES	RECORDED DATE	REPRODUCING STATUS	REPRODUCED DATE
2002/4/15	8	MOVIE Z	2002/4/29	REPRODUCED	2002/5/10
	10	SPORTS W	2002/5/13	NOT REPRODUCED	
	...	...	...		